

## MINERAL WOOL COMPOSITION

### ABSTRACT

The subject of the invention is a mineral wool capable of dissolving in a physiological medium, which wool comprises the constituents below in the following percentages by weight:

SiO <sub>2</sub>	39 - 44%, preferably 40 - 43%
Al <sub>2</sub> O <sub>3</sub>	16 - 27%, preferably 16 - 26%
CaO	6 - 20%, preferably 8 - 18%
MgO	1 - 5%, preferably 1 - 4.9%
Na <sub>2</sub> O	0 - 15%, preferably 2 - 12%
K <sub>2</sub> O	0 - 15%, preferably 2 - 12%
R <sub>2</sub> O (Na <sub>2</sub> O + K <sub>2</sub> O)	10 - 14.7%, preferably 10 - 13.5%
P <sub>2</sub> O <sub>5</sub>	0 - 3%, especially 0 - 2%
Fe <sub>2</sub> O <sub>3</sub> (total iron)	1.5 - 15%, especially 3.2 - 8%
B <sub>2</sub> O <sub>3</sub>	0 - 2%, preferably 0 - 1%
TiO <sub>2</sub>	0 - 2%, preferably 0.4 - 1%.